

IN THE CLAIMS

1. (Currently Amended) A method of securely providing content data to a user's system over a web broadcast infrastructure with a plurality of channels, the method comprising the steps of:
 - encrypting content data using a first encrypting key to form encrypted content data, wherein the first encrypting key is a symmetric key with a corresponding first decrypting key;
 - encrypting the first decrypting key, using a second encrypting key of a trusted third party;
 - broadcasting promotional metadata related to at least part of the encrypted content data on a first web broadcast channel for reception by at least one user's system;
 - ~~sending at least part of the encrypted content data over a second channel;~~
 - transferring the encrypted first decrypting key, which has been encrypted with the second encrypting key, to the user's system via a computer readable medium;
 - transferring the encrypted first decrypting key, which has been encrypted with the second encrypting key to the trusted third party;
 - receiving the encrypted first decrypting key, which has been decrypted by the trusted third party and re-encrypted with a user's system key; and
 - decrypting, on the user's system in a tamper resistant environment, the encrypted first decrypting key with a second decrypting key and reencrypted with trusted third party key the user's system key;
 - ~~wherein the tamper resistant environment forms reencrypted content data by decrypting the encrypted content data with the first decrypting key and reencrypting the content data with a locally generated digital content player encrypting key so to be compatible with a content player application on the user's system which renders reencrypted content data delivered from one of a telecommunications infrastructure and a computer readable storage medium.~~
2. (Original) The method as defined in claim 1, wherein the step of broadcasting the promotional metadata includes broadcasting the promotional metadata periodically over a predetermined time interval.

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3. (Previously Presented) The method as defined in claim 1, wherein the step of broadcasting the promotional metadata includes the sub-step of:

converting at least the promotional metadata into a format readable by a web browser.

4. (Previously Presented) The method as defined in claim 1, wherein the step of sending at least part of the encrypted content data includes broadcasting a schedule of a broadcast time and web broadcast channel for at least part of the encrypted content data.

5. (Previously Presented) The method as defined in claim 1, wherein the step of sending at least part of the encrypted content data over a second channel includes broadcasting the encrypted content data in a format compatible with DirecPC™.

6. (Previously Presented) The method as defined in claim 1, wherein the promotional metadata contains a schedule of broadcast times for the encrypted content data.

7. (Currently Amended) A method of securely receiving content data on a user's system from a web broadcast infrastructure with a plurality of channels, the method comprising the steps of:

receiving promotional metadata from a first web broadcast channel, the promotional metadata related to encrypted content data;

assembling at least part of the promotional metadata into a promotional offering for review by a user;

selecting by a user, encrypted content data to be received related to the promotional offering metadata;

retrieving the encrypted content data from a user's system via a second-channel, the encrypted content data selected from the promotional metadata, and wherein the encrypted content data has been previously encrypted using a first encrypting key, wherein the first encrypting key is a symmetric key with a corresponding first decrypting key, wherein the second channel is selected from the group consisting of a telecommunications network, a broadcast transmission, and a computer removable storage medium;

receiving the first decrypting key via a computer readable medium, the first decrypting key for decrypting at least some of the encrypted content data received via the second web broadcast channel, wherein the first decrypting key has been encrypted with a second encrypting key of a trusted third party;

transferring the encrypted first decrypting key, which has been encrypted with the second encrypting key to the trusted third party;

receiving the encrypted first decrypting key, which has been decrypted by the trusted third party and re-encrypted with a user's system key; and

decrypting, on the user's system in a tamper resistant environment, the encrypted first decrypting key with a second decrypting key, the user's system key;

— wherein the tamper resistant environment forms reencrypted content data by decrypting the encrypted content data with the first decrypting key and reencrypting the content data with a locally generated digital content player encrypting key so to be compatible with a content player application on the user's system which renders reencrypted content data delivered from one of a telecommunications infrastructure and a computer readable storage medium.

8. (Original) The method as defined in claim 7, wherein the step of assembling at least part of the promotional data includes assembling at least part of the promotional data into a format readable by a web browser and wherein the step of selecting includes selecting with a web browser.

9. (Previously Presented) The method as defined in claim 7, wherein the step of selecting includes selecting promotional material that has been previously received and stored on the user's system.

10. (Previously Presented) The method as defined in claim 9, wherein the step of selecting further comprises the sub-steps of:

determining a schedule for next web broadcast of the encrypted content data selected;

setting a trigger to trigger the user's system to receive the next web broadcast on the second channel.

11. (Previously Presented) The method as defined in claim 10, wherein the step of retrieving encrypted content data from a second channel, includes receiving the encrypted content data selected from the promotional metadata on a web broadcast channel and a time provided by the trigger.

12. (Previously Presented) The method as defined in claim 7, wherein the step of retrieving encrypted content data from a second channel includes receiving data in a format compatible with DirecPC™.

13. (Previously Presented) The method as defined claim 7, wherein the step of receiving data from a second channel includes the sub-step of:

authorizing over a back channel that the user's system is authorized to receive the data selected; and wherein the step of receiving the first decrypting key includes receiving the first decrypting key only if the user's system is authorized to receive the encrypted content data selected.

14. (Previously Presented) The method as defined claim 7, wherein the step of receiving encrypted content data from a second channel further includes the sub-step of:

notifying the user the next time the user starts the user's system a status if the current data selected from the promotional metadata has been received on the user's system.

15. (Currently Amended) The method as defined in claim 7, wherein the step of receiving the first decrypting key encrypted content data, includes receiving the encrypted content data first decrypting key that has been encrypted with a second encrypting key along with a network address of the trusted third party.

16. (Original) The method as defined in claim 15, wherein the step of receiving the first decrypting key includes receiving the first decrypting key over a broadcast stream.

17. (Currently Amended) The method defined in claim 15, wherein the second decrypting key is sent to the user's system from network address of the trusted third party is an address of a clearinghouse.

18. (Currently Amended) The method defined in claim 15, wherein the first second decrypting key has a timeout provision for decrypting data that has been encrypted with the second encryption key is sent to the user's system from a clearinghouse.

19. (Currently Amended) A system for securely providing content data to a user's system over a web broadcast infrastructure with a plurality of channels, the system comprising:

a content system;
a first public key;
a first private key, which corresponds to the first public key;
a data encrypting key;
a data decrypting key for decrypting data encrypted using the data encrypting key,
wherein the first encrypting key is a symmetric key with a corresponding first decrypting key;
first data encryption means for encrypting data to form encrypted content data so as to be decryptable only by the data decrypting key;
second data encryption means, using the first public key, for encrypting the data
decrypting key;
a clearing house;
a broadcast center, for broadcasting to one or more user's systems on a first web
broadcast channel, promotional metadata related to data being broadcasted on a second web
broadcast channel, and sending on the second channel encrypted content data, wherein the second
channel is selected from the group consisting of a telecommunications network, a broadcast
transmission, and a computer removable storage medium;
at least one user system with a first receiver means for receiving the data decrypting key
which has been encrypted;
first transferring means for transferring the data decrypting key which has been encrypted,

to the clearing house, wherein the clearinghouse possesses the first private key;
first decrypting means for decrypting the data decrypting key using the first private key;
a second public key of the user's system;
a second private key; which corresponds to the second public key;
re-encryption means for re-encrypting the data decrypting key using the second public
key;
second transferring means for transferring the re-encrypted data decrypting key to the
user's system, wherein the user's system possesses the second private key;
second decrypting means for decrypting the re-encrypted data decrypting key using the
second private key; and
decrypting, on the user's system in a tamper resistant environment, the encrypted data
decrypting key with the first private key;
— wherein the tamper resistant environment forms reencrypted content data by decrypting the
encrypted content data with the data decrypting key and reencrypting the content data with a
locally generated digital content player encrypting key so to be compatible with a content player
application on the user's system which renders reencrypted content data delivered from one of a
telecommunications infrastructure and a computer readable storage medium.

20. (Original) The system as defined in claim 19, wherein the promotional metadata contains a
schedule of broadcast times for the data.

21. (Currently Amended) A user's system for securely receiving data from a web broadcast
infrastructure with a plurality of channels, comprising:

a receiver for receiving promotional metadata from a first web broadcast channel, the
promotional metadata related to data available for reception;
an interface to an output device for presenting at least part of the promotional metadata
for review by a user;
an interface to an input device for receiving a selection by a user of the data to be
received related to the promotional metadata;

a controller for controlling the receiver to receive data from a second web broadcast channel, the data selected from the promotional metadata, and wherein the data has been previously encrypted using a first encrypting key, wherein the first encrypting key is a symmetric key with a corresponding first decrypting key, wherein the second channel is selected from the group consisting of a telecommunications network, a broadcast transmission, and a computer removable storage medium; and

an interface for receiving the first decrypting key via a computer readable medium, the first decrypting key for decrypting at least some of the data received via the second web broadcast channel, wherein the first decrypting key has been encrypted with a second encrypting key of a trusted third party;

transferring the encrypted first decrypting key, which has been encrypted with the second encrypting key to the trusted third party;

receiving the encrypted first decrypting key, which has been decrypted by the trusted third party and re-encrypted with a user's system key; and

decrypting, on the user's system in a tamper resistant environment, the encrypted first decrypting key with a second decrypting key; the user's system key;

wherein the tamper resistant environment forms reencrypted content data by reencrypting the content data with a locally generated digital content player encrypting key;

~~— wherein the previously encrypted content data has been decrypted with the first decrypting key, and the tamper resistant environment storing the reencrypted content data on storage device coupled to the user's system is compatible with a player application used to render the reencrypted content data delivered from one of a telecommunications infrastructure and a computer readable storage medium.~~

22. (Original) The user's system as defined in claim 21, wherein the output device is a web browser and the input device is coupled to the web browser for receiving a selection by a user.

23. (Original) The user's system as defined in claim 21, wherein the controller further comprises: a schedule derived from the promotional metadata wherein the schedule is used to control

the receiver to receive data from a second web broadcast channel.

24. (Original) The user's system as defined in claim 21, wherein the receiver is adapted to receive data broadcasted in a format compatible with DirecPC™.

25. (Currently Amended) A computer program product for securely providing content data to a user's system over a web broadcast infrastructure with a plurality of channels, the computer program product comprising:

a storage medium readable by a processing circuit and storing instructions for execution by the processing circuit for performing a method comprising:

encrypting content data using a first encrypting key to form encrypted content data, wherein the first encrypting key is a symmetric key, with a corresponding first decrypting key;

encrypting the first decrypting key, using a second encrypting key; broadcasting promotional metadata related to at least part of the encrypted content data on a first web broadcast channel for reception by at least one user's system;

sending at least part of the encrypted content data over a second channel;

transferring the encrypted first decrypting key, which has been encrypted with the second encrypting key of a trusted third party, to the user's system via a computer readable medium;

transferring the encrypted first decrypting key, which has been encrypted with the second encrypting key to the trusted third party;

receiving the encrypted first decrypting key, which has been decrypted by the trusted third party and re-encrypted with a user's system key; and

decrypting, on the user's system in a tamper resistant environment, the encrypted first decrypting key with a second decrypting key user's system key;

wherein the tamper resistant environment forms reencrypted content data by decrypting the encrypted content data with the first decrypting key and reencrypting the content data with a locally generated digital content player encrypting key so to be

compatible with a content player application on the user's system which renders reencrypted content data delivered from one of a telecommunications infrastructure and a computer readable storage medium.

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